CIS 230 PASS Session 3 Problem Sheet

Selections and More Mathematical Operations

1. Generate a program that Use Math.random() to generate 3 integers between 0-99 and asks the user to add them. Output if the user is correct or incorrect
   1. You must use a selection statement (I don’t care if you use if-else or switch)
2. Write a program that generates a random number between 1 and 12 and outputs what month of the year it is.
3. Write a program the calculates the perimeter of a triangle. The triangle is valid if the sum of every pair of two edges is greater than the remaining edge. Output the perimeter to the user.
   1. How many possible combinations are there? We have three sides to pick from and we must choose 2 and compare it to the third. Because we are adding order does not matter so there are 3 possible combinations of sides.
4. ☆☆ (Challenge Problem)
   * 1. Exercise 3.27 In Revel Textbook